

CALENDAR EXPLANATION

ॐ ब्रह्मतुङ्द महाकार्य कोटिसूर्यसम्प्रभ निर्विघ्नं कुरु मे देव सर्वकार्येषु सर्वदाऽ।

वशिष्ठ॥ यथिमन् पक्षे यत्र काले तेन दृग्गणितैक्यम्। दृश्यते तेन पक्षेण कुर्यात्तिथ्यादिनियमम्॥

भास्कराचार्यां। यात्राविवाहोत्सवजातकादी खेदे: स्फूर्तेवफलस्फूर्तवम्। स्यात्प्रोच्यते तेन नमश्शराणां स्फुर्तक्रिया दृग्गणितैक्यकृद्या॥

We are pleased to release the 2013 calendar based on Hindu dharma shastra and drika siddhanta. This calendar is specially prepared for the Greater Seattle area, and it may not be applicable in other parts of the world. All time presented here is adjusted for Daylight Saving Time.

People usually align the Hindu festivals with the English dates based on the Indian calendar. They think that if an Indian calendar says "Janmasthami" on a certain date, say September 2nd 2010, then it will appear as September 2nd everywhere in the world. The USA is 10:30 to 15:30 hours behind India, so some people will think it will also come the next day in the USA, i.e. September 3rd 2010. They also argue that their family priest in India has told them to celebrate on this particular date and according to him the Indian calendar will apply to all places in the world. This is a completely wrong assumption. If the Earth was flat then you can use Indian calendar everywhere as sunrise sunset will happen all places equally. We won't have any timezones and the world will have only one timezone. Surya Siddhanta, Maharishi Vashistha, Bhaskaracharya taught us to prepare the panchangam based on the longitude, latitude of the place you live for these reasons you cannot bring a calendar from India and use abroad.

The English date and changes at midnight; whereas the Hindu date (or Tithi) and day does not change at midnight. Hindu day changes at Sunrise. All days are from one Sunrise to another Sunrise. Sunday will start at one Sunrise and end at the next Sunrise. The Hindu date – the Tithi changes depending on the position of the Sun and Moon. It can change anytime between two Sunrises. That is to say that if Prathama Tithi ends today at 23:02 it does not mean that Dwitiya Tithi will end tomorrow at the same time. It can end at 18:00, 18:09 or later.

Tithi: In the lunar calendar the Moon takes a month for each revolution around the Earth. The lunar calendar is divided into two groups called Pakshas. The first one is called Krishna Paksha (or dark fortnight) or wanning moon. The second is called Shukla Paksha (or bright fortnight) or waxing moon. Each Paksha is divided into 15 Tithis. The first 14 Tithis are the Sanskrit numbers from 1 to 14 (Prathama, Dwitiya etc). The 15th Tithi of Shukla Paksha is Poornima (full Moon) & the 15th of the Krishna Paksha is Amavasya (Moon is not visible as it is closest to the Sun).

Lunar Month: A lunar month consists of 30 Tithis and each Tithi then corresponds to the time taken by the Moon to move 12 degrees with respect to the Sun. Krishna Paksha Tithis are in the darker color and Shukla Paksha Tithis are mentioned in the red color. Names of lunar months are Chaitra, Vaishakh, Jyestha, Ashadha, Shravana, Bhadrapada, Ashwayuja, Kartika, Margasira, Pushya, Maha, and Phalguni.

Solar Month: A solar month begins when the Sun leaves one rasi and moves into the next. The solar month names are based on 12 signs, they are Mesha, Vrischika, Mithuna, Karka, Simha, Kanya, Tula, Vrischika, Dhanush, Makara, Kumbha, and Mina. This system is widely used in Tamilnadu, Kerala, West Bengal, Orrisa, Punjab and Assam.

Nakshatra: The path of the moon around earth is divided into 27 segments or Nakshatras. A Nakshatra changes when the moon leaves one of these 27 segments and enters the next. Nakshatras are in *italics*. They are Ashwini, Bharani, Kritika, Rohini, Mrigashirsh, Ardra, Punarvasu, Pushya, Ashlesha, Magha, Poorva Phalguni, Uttara Phalguni, Hasta, Chitra, Swati, Vishakha, Anuradha, Jyestha, Moola, Poorva Shadha, Uttara Shadha, Shravan, Dhanishta, Shatabhisha, Poorva Bhadra, Uttara Bhadra and Revati.

Timings listed in the Calendar: The Tithi & Nakshatra times indicate a time when the Tithi or Nakshatra ends. The Panchanga uses the Vedic definition of a day, i.e., A day starts with Sunrise and ends with the subsequent Sunrise. Thus, a Tithi with a time of 29:00 indicates that the Tithi ends past midnight but before the next Sunrise at 5:00 AM (29:00 – 24:00) on the next calendar day. Hence 24:00 means 00:00 hours of the next day, 25:00 means 1:00 AM of the next day, and 29:00 means 5:00 AM of the next day. This is standard time notation for any Panchangam. The time for Sun's samkramana is when Sun will enter that rasi or sign on that day. e.g. Makara 4:36 means Sun is entering Makara rasi at 4 hour 36 minute. All other times are the ending times.

Rahukalam / Sunrise / Sunset Table: This calendar has rahukalam, sunrise & sunset table as well. These are calculated for Greater Seattle area.

How festival dates are determined? The usual rule to observe a festival is to check the Tithi prevailing at the Sunrise. Each festival has different rules. For example Ganesha Chaturthi has to be observed when

Chaturthi Tithi is observed during the 8th/15th part of the dinmana. The dinmana is the difference between local Sunset and Sunrise. If Chaturthi is not prevailing during that period then take the second day.

For example, if one Tithi is observed at moonrise in India it may or may not exist during moonrise on the same day in a different part of the world. If you are in America then it will be observed on previous day or the next day if you are in Japan, Fiji, Australia and other countries. For example if a total lunar eclipse is visible in India at 5:00 AM it will happen on the previous day in the USA. For these reasons Indian Panchangam you bring from India cannot be used outside of India.

Uttarayana / Dakshinayana: The season occur based on earth's position around the Sun. This is due to Earth's tilt of 23.45 degrees. The Earth circles around Sun with this tilt. When the tilt is facing the Sun we get summer and when the tilt is away from the Sun we get winter. Because of this tilt it seems like the Sun travels north and south of the equator. The Uttarayana is the Sun appearing to move north. The Dakshinayana is the Sun appearing to move towards South. This causes rise to seasons and dependent on equinoxes and solstices.

There is a common misconception that Makar Samkranti is the Uttarayana. This is because at one point in time Sayana and Nirayana Zodiac were same. Every year equinoxes slides by 50 seconds due to precision of equinoxes, giving birth to Ayanamsha and causing Makar Samkranti to slide further. As a result if you think Makar Samkranti is uttarayana then as it is sliding it will come in June after 9000 years. However Makar Samkranti still holds importance in our rituals as a Samkranti. All Drika Panchanga makers will use the position of the tropical Sun to determine Uttarayana and Dakshinayana. Hence January 14th isn't Uttarayana. Actual Uttarayana occurs on December 21st/22nd of every year. For more details please visit <http://www.mypanchang.com> or write to shastriji@mypanchang.com.

About myPanchang.com: myPanchang.com is the leading panchang maker providing the most accurate panchagam in English and various Indian languages and panchangam for over more than 394 cities all over the world based on highly accurate driga ganitha or thiruganitha. Most temples in the world rely on myPanchang.com for accurate Panchang data and festival observance times. Please visit myPanchang.com for more details. If you have any questions about confusion about any festival please contact myPanchang.com

2013 CALENDAR ACKNOWLEDGEMENTS

Panchangam Data

mynpanchang.com

Festivals & Muhruthas

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Notes:

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Happy New Year from your Inchin's. Have you tried our New Menu items?

January 2013 • North Indian Posha - Magha • Margashira – Pushya • Dhanus – Makara • Margazhi – Thai

SUN	MON	TUE	WED	THU	FRI	SAT
17 Graha Pravesha, Wedding 22 Wedding after 12:38 23 Graha Pravesha and Wedding 26 Graha Pravesha after 8:01 AM 28 Wedding 31 Graha Pravesha and Wedding		1 NEW YEAR Shishira Rutu (Drika Sidh) Mai Chauth (N.I. Posh Kr) Margasira Kr Chaturthi 08:30 Magha 23:27	2 Panchami 08:59 P.Phalguni 24:13	3 Shashthi 08:58 U.Phalguni 24:28	4 Sharadadevi Jayanthi Saptami 08:26 Ashtami 31:20 Hasta 24:11	5 Navami 29:41 Chitra 23:21
6  Dashami 27:31 Svaati 22:00	7  Saphala Ekadasi Ekadashi 24:51 Vishaakha 20:09	8  Dvadashi 21:49 Anuraadha 17:54	9  TN: Thondaradipodi Pradosham Masa Shivaratri Trayodashi 18:31 Jyeshtha 15:22	10  Chaturdashi 15:06 Mula 12:41	11 ●  Amavasya Tarpanam Vakula Amavasya 11:43 P.shadha 10:01 U.shada 31:35	12  Pausha Shukla Prathama 08:34 Dvitiiya 29:49 Shravana 29:31
13 Lohri / Bhogi Maghi Panchaka begins Tritiya 27:37 Dhanishta 28:01 Sun: Makara 17:23	14 THAI PONGAL Makar Sankranti  Chaturthi 26:10 Shatabhisha 27:14	15  Karidina Kanuma Panchami 25:32 P.Bhadrapada 27:16	16  Annapurna Shashthi 25:47 U.Bhadrapada 28:10	17  Saptami 26:54 Revati 29:52	18  Panchaka Ends Ashtami 28:45 Ashvini day/night	19  Navami 31:10 Ashvini 08:16
20  Samba Dashami day/night Bharani 11:09	21  Martin Luther King Jr. Birthday Dashami 09:52 Krittika 14:18	22  Putrada Ekadashi 12:38 Rohini 17:27	23  Pradosham Kurma Dvadashi 15:13 Mrigashirsha 20:25	24  Trayodashi 17:28 Aardra 23:02	25  Thai Poosam Satyanarayana Puja Pushya Abhishekam Purnima 20:38 Pushya 26:58	26 ○
27  (North Indian Magha) Pausha Krishna Prathama 21:31 Aslesha 28:16	28  TN: Thirumazhis Azhwar Dvitiiya 21:58 Magha 29:10	29  Tritiya 22:01 P.Phalguni 29:53	 Sankathara Chaturthi Chaturthi 21:42 U.Phalguni 29:53	30  Thyagaraja Aradhana Panchami 21:03 Hasta 29:44	31  Saphala Ekadasi Jan 7 Lohri, Bhogi Jan 13 Makar Samkranti Jan 14 Putrada Ekadasi Jan 22 Thai Poosam Jan 26 Sankathara Chaturthi Jan 30 Thyagaraja Aradhana Jan 31	



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Celebrate Valentine's Day at Inchin's. One Complimentary glass of wine for the couple

February 2013 • North Indian Magha-Phalguna • Pushya - Magha • Makara - Kumbha • Thai - Masi

SUN	MON	TUE	WED	THU	FRI	SAT
			Sattila Ekadasi Feb 6 Vasant Panchami Feb 14 Ratha Saptami Feb 16 Bhishma Ekadashi Feb 21 Shani Trayodashi Feb 23 Sankathara Chaturthi Feb 28		1 Shishira Rutu (Drika Sidh) North Indian Magha Kr. Pausha Krishna Shashthi 20:04 Chitra 29:15	2 Saptami 18:44 Svati 28:26
1 Graha Pravesha 14 Graha Pravesha wedding 22 Graha Pravesha after 9:06 AM						
3 Mamaasthaka Ashtami 17:03 Vishaakha 27:17	4 Navami 15:02 Anuraadha 25:48	5 Dashami 12:42 Jyeshtha 24:03	6  Sattila Ekadashi 10:07 Dvadashi 31:21 Mula 22:04	7  Pradosham Meru Trayodashi 28:33 <i>P.shadha 19:59</i>	8 Yama Tarpana Masa Shivaratri Chaturdashi 25:49 <i>U.shada 17:56</i>	9 Amavasya Tarpanam Mauna Amavasya 23:20 <i>Shrawana 16:03</i>
10 Magha Shukla Panchaka begins Shukla Paksha Prathama 21:14 <i>Dhanishta 14:31</i>	11 Dvitiya 19:43 <i>Shatabhisha 13:30</i>	12 Tritiya 18:52 <i>P.Bhadrapada 13:07</i> Sun: Kumba 06:24 Samkranti Tarpana	13  Tila Chaturthi 18:49 <i>U.Bhadrapada 13:29</i>	14 VASANT PANCHAMI 	15 Sitala Shashthi 21:06 <i>Ashvini 16:32</i>	16  Ratha Saptami Saptami 23:16 <i>Bharani 19:04</i>
17 Bhishma Ashtami 25:49 <i>Krittika 22:01</i>	18 President's Day Vasant Rutu (Drika Sidh) Madhava Navami Mahananda Navami 28:30 <i>Rohini 25:09</i>	19 Dashami 31:04 <i>Mrigashirsha 28:10</i>	20  Ekadashi day/night <i>Aardra 30:52</i>	21 Bhishma Ekadashi 	22 TN: Kulasekhara Jaya Ekadashi 09:15 <i>Punarvasu day/night</i>	23 Shani Trayodashi Vishwakarma Jayanthi Trayodashi 12:01 <i>Pushya 10:45</i>
24 Satyanarayana Puja Chaturdashi 12:30 <i>Aslesha 11:50</i> Shukra Astha starts: 15:34:29	25 ○ Masi Magham Bhairavi Jayanthi Maghi Purnima 12:26 <i>Magha 12:23</i> Shukra Astha	(North Indian Phalguna) Magha Krishna Prathama 11:53 <i>P.Phalguni 12:28</i> Shukra Astha	27  Dvitiya 10:57 <i>U.Phalguni 12:10</i> Shukra Astha	28  Sankathara Chaturthi Tritiya 09:42 <i>Hasta 11:35</i> Shukra Astha		



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Join our Birthday campaign and receive treats for your birthday

March 2013 • North Phalguna-Chaitra • Magha - Phalguna • Kumbha – Mina • Maasi – Phanguni

SUN	MON	TUE	WED	THU	FRI	SAT
31 Phalguna Krishna Ranga Panchami 15:13 Anuraadha 14:09 Shukra Astha	No Muhurtha for Graha Pravesha, Vasthu, Wedding, or Upanayana from 24 th February till April 29 th due to Shukra Astha.		Vijaya Ekadasi Maha Shivaratri, Shani Trayodashi Karadaiyar Nimbu Amalaki Ekadasi Holi Sankathara Chaturthi	Mar 7 Mar 9 Mar 14 Mar 22 Mar 26 Mar 29	Vasanta Rutu (Drika Sidh) North Indian Phalguna Magha Krishna Chaturthi 08:14 Panchami 30:35 Chitra 10:47 Shukra Astha	1 Shashthi 28:47 Svaati 09:48 Shukra Astha
3 Saptami 26:52 Vishaakha 08:41 Shukra Astha	4 Sita Ashtami 24:51 Anuraadha 07:27 Jyeshtha 30:07 Shukra Astha	5 Navami 22:45 Mula 28:43 Shukra Astha	Dashami 20:36 P.shadha 27:17 Shukra Astha	 Vijaya Ekadashi 18:28 U.shada 25:53 Shukra Astha	 Pradosham Dvadashi 16:26 Shrawana 24:35 Shukra Astha	 8 MAHA SHIVARATRI Shani Trayodasi Panchaka begins 
10 Daylight Saving Begins Chaturdashi 14:00 Shatabhisha 23:48 Shukra Astha	11 ● Amavasya Tarpanam Amavasya 12:51 P.Bhadrapada 23:32 Shukra Astha	12 Phalguna Shukla Prathama 12:13 U.Bhadrapada 23:50 Shukra Astha	 Dvitiiya 12:13 Revati 24:46 Shukra Astha	 13 KARADAIYAR NOMBU (Fasting from previous day) Panchaka ends Tritiya 12:53 Ashvini 26:22 Sun: Mina 04:21 Tarpana Phanguni / Shukra Astha	14 Santa Chaturthi 14:14 Bharani 28:35 Shukra Astha	15 Panchami 16:10 Krittika 31:17 Shukra Astha
17 Gorupini Shashthi 18:33 Rohini day/night Shukra Astha	18 Saptami 21:08 Rohini 10:17 Shukra Astha	19 Holaasthaka begins Ashtami 23:41 Mrigashirsha 13:21 Shukra Astha	 Navami 25:56 Aardra 16:13 Shukra Astha	 20 Phagu Dashami 27:40 Punarvasu 18:41 Shukra Astha Guru Pushyamrita (After 18:41)	 21 Amalaki Ekadashi 28:46 Pushya 20:33 Shukra Astha	 22 Nrishima Dvadashi 29:09 Aslesha 21:46 Shukra Astha
 24 Pradosham Trayodashi 28:50 Magha 22:18 Shukra Astha	25 Chaturdashi 27:54 P.Phalguni 22:12 Shukra Astha	 Holi 26 ○ Lakshmi Jayanthi Panguni Utthiram Satyanarayana Puja Purnima 26:27 U.Phalguni 21:33 Shukra Astha 	Ganguar Puja begins Karidina (North Indian Chaitra) Phalguna Krishna Prathama 24:35 Hasta 20:28 Shukra Astha	 27 Dvitiiya 22:25 Chitra 19:05 Shukra Astha	 28 Sankathara Chaturthi Tritiya 20:04 Svaati 17:30 Shukra Astha	29 Chaturthi 17:39 Vishaakha 15:49 Shukra Astha



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April 2013 • North Indian Chaitra-Baisakh • Phalgun-Chaitra • Mina-Mesha • Phanguni-Chittirai

SUN	MON	TUE	WED	THU	FRI	SAT
	1 Vasanta Rutu (Drik Sid) North Indian Chaitra Phalguna Krishna Shashthi 12:52 Jyeshtha 12:32 Shukra Astha	2 Saptami 10:39 Mula 11:03 Shukra Astha	3 Sitala Ashtami 08:36 P.shadha 09:45 Shukra Astha	4 Navami 06:46 Dashami 29:10 U.shada 08:39 Shukra Astha	5 Panchaka begins Papamochini Ekadasi 27:52 Shrawana 07:48 Shukra Astha	6 Bhagawata Ekadasi (V) Dvadashi 26:55 Dhanishta 07:15 Shukra Astha
7 Pradosham Varuni Trayodashi 26:20 Shatabhisha 07:02 Shukra Astha	8 Masa Shivaratri Chaturdashi 26:13 P.Bhadrapada 07:13 Shukra Astha	9 Amavasya Tarpanam Amavasya 26:35 U.Bhadrapada 07:51 Shukra Astha	10 VIJAYA UGADI Gudi Padwa Vasant Navaratri Chaitra Shukla Prathama 27:28 Panchak end Revati 08:58 Shukra Astha	11 Dvitiiya 28:53 Ashvini 10:36 Shukra Astha	12 Matsya Avatar Jayanthi Tritiya day/night Bharani 12:44 Shukra Astha	13 Baisakhi Tamil New Year Gangaur Puja Gauri Tritiya 06:47 Krittika 15:18 Sun: Mesha 12:53 Tarpana Chittirai Shukra Astha
14 Vishu Chaturthi 09:04 Rohini 18:12 Shukra Astha	15 Sri Panchami 11:35 Mrigashirsha 21:15 Shukra Astha	16 Ramanuja Jayanthi Asoka Shashthi 14:08 Aardra 24:16 Shukra Astha	17 Saptami 16:29 Punarvasu 27:00 Shukra Astha	18 Guru Pushyamrita Bhavani Utpatti Ashtami 18:24 Pushya 29:16 Shukra Astha	19 SHRI RAM NAVAMI Grishma Rutu (Drik Sid) Navami 19:45 Aslesha day/night Shukra Astha	20 Dharmaraja Dashami 20:22 Aslesha 06:55 Shukra Astha
21 Kamada Ekadashi 20:13 Magha 07:49 Shukra Astha	22 Thrissur Pooram Soma Pradosham Dvadashi 19:19 P.Phalguni 07:59 Shukra Astha	23 Mahavir Jayanthi Ananga Trayodashi 17:44 U.Phalguni 07:27 Shukra Astha	24 TN: Madhurakavi Chaturdashi 15:34 Hasta 06:16 Chitra 28:36 Shukra Astha	25 Hanuman Jayanthi Sathyanaaryana Puja Purnima 12:57 Svaati 26:32 Shukra Astha	26 (North Indian Vaishakh) Chaitra Krishna Prathama 10:00 Vishaakha 24:16 Shukra Astha	27 Dvitiiya 06:54 Tritiya 27:45 Anuraadha 21:54 Shukra Astha
28 Temple Hanuman Jayanti Celebrations Sankathara Chaturthi Chaturthi 24:41 Jyeshtha 19:36 Shukra Astha ends: 08:48:33	29 Panchami 21:50 Mula 17:29	30 Shashthi 19:17 P.shadha 15:39	29 Wedding		Papamochini Ekadasi Apr 5 Yugadi, Hindu New Year Apr 10 Tamil New Year, Baisakhi Apr 13 Shri Rama Navami Apr 19 Kamada Ekadasi Apr 21 Mahavir Jayanthi Apr 23 Hanuman Jayanthi Apr 25 Sankathara Chaturthi Apr 28	



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Celebrate sweet Mother's Day (May 12th) at Inchin's. Complimentary scoop of our specialty "Malai Kulfi" for the Mom

May 2013 • North Indian Baisakh-Jyesht • Chaitra-Vaishakha • Mesha-Vrishabha • Chittirai-Vaikaasi

SUN	MON	TUE	WED	THU	FRI	SAT	
2 Graha Pravesha 4 Graha Pravesha (After 13:34) 7 Graha Pravesha & Wedding till 14:30 12 Graha Pravesha & Wedding 21 Graha Pravesha & Wedding after 8:32 24 Graha Pravesha & Wedding after 11:11 29 Graha Pravesha 30 Graha Pravesha after 13:17	Varuthini Ekadasi Akshay Tritiya Shankara Jayanthi Nrisimha Jayanthi Lunar Eclipse Memorial Day Sankathara Chaturthi	May 5 May 12 May 14 May 23 May 24 May 27 May 27		1 Grishma Rutu (Drik Sid) North Indian Baisakh Chaitra Krishna Saptami 17:08 U.shada 14:12	2 Ashtami 15:26 Shravana 13:12	3 Panchaka begins Navami 14:14 Dhanishta 12:41	4 Dashami 13:33 Shatabhisha 12:40
 5 Varuthini Ekadashi 13:22 <i>P.Bhadrapada 13:10</i>	 6 Soma Pradosham <i>Dvadashi 13:42</i> <i>U.Bhadrapada 14:10</i>	 7 Panchaka ends Masa Shivaratri <i>Trayodashi 14:31</i> <i>Revati 15:38</i>	 8 Chaturdashi 15:47 Ashvini 17:32	 9 ● Amavasya Tarpanam Amavasya 17:28 Bharani 19:49	 10 Vaishakha Shukla Prathama 19:30 Krittika 22:27	 11 Dvitiya 21:48 Rohini 25:20	
12 AKSHAY TRITIYA <i>Mother's Day</i> Parashurama Jayanthi Basava Jayanthi <i>Tritiya 24:18</i> <i>Mrigashirsha 28:23</i>	13 Chaturthi 26:49 <i>Aardra day/night</i>	14 Sankara Jayanthi Panchami 29:13 <i>Aardra 07:26</i> Sun: Vrishabha 09:46 Tarpana Vaikaasi	 15 Shashthi day/night <i>Punarvasu 10:21</i>	 16 Chandana Shashthi 07:20 <i>Pushya 12:57</i> Guru Pushyamrita	 17 Gangotpatti Saptami 08:58 <i>Aslesha 15:04</i>	 18 Bagalamukhi Jayanthi Ashtami 10:00 <i>Magha 16:33</i>	
19 Sita Navami 10:17 <i>P.Phalguni 17:19</i>	20 Vasavi Jayanthi Dashami 09:48 <i>U.Phalguni 17:18</i>	 21 Mohini Ekadashi 08:32 <i>Hasta 16:33</i>	 22 Pradosham Rukmini Dvadashi 06:34 <i>Trayodashi 27:57</i> <i>Chitra 15:06</i>	 23 Nrisimha Jayanthi Chaturdashi 24:52 <i>Svaati 13:04</i>	24 ○ TN: Naamm Penumbral Lunar Eclipse (20:53-21:26) Sampat Gauri Vratam Kurma Jayanthi Annamacharya Jayanthi Buddha Purnima 21:25 Vaikasi Vishakham 10:37	 25 (North Indian Jyestha) Vaishakha Krishna Prathama 17:46 <i>Anuraadha 07:52</i> <i>Jyeshta 29:01</i>	
26 Dvitiya 14:05 <i>Mula 26:13</i>	 27 Memorial Day Sankathara Chaturthi <i>Tritiya 10:33</i> <i>P.shadha 23:39</i>	28 Chaturthi 07:17 Panchami 28:27 <i>U.shada 21:28</i>	29 Shashthi 26:10 Shravana 19:47	30 Panchaka begins Saptami 24:31 Dhanishta 18:44	31 Guru Mithuna 17:29 Trilochana Ashtami 23:35 <i>Shatabhisha 18:22</i>		



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Celebrate Father's Day (Jun 16th) at Inchin's. Complimentary scoop of our specialty "Kesar Pista" for the Dad

June 2013 • North Indian Jyeshtha-Ashadha • Vaishaka - Jyestha • Vrishabha - Mithuna • Vaikaasi – Aani

SUN	MON	TUE	WED	THU	FRI	SAT
30 North Indian Ashadha Jyestha Krishna Ashtami 10:02 Revati 27:11 Guru Astha	2 Hanumath Jayanthi (Andhra) Dashami 23:46 U.Bhadrapada 19:41	3 Panchaka ends Apara Ekadashi 24:48 Revati 21:17	4 Dvadashi 26:21 Ashvini 23:23	Apara Ekadasi Shani Jayanthi Aranya Gauri Vratam Ganga Dashhara Nirjala Ekadasi Vata Savitri Vrata Sankathara Chaturthi	Jun 3 Jun 8 Jun 14 Jun 18 Jun 19 Jun 22 Jun 25	1 Grishma Rutu (Drik Sid) North Indian Jyestha Vaishakha Krishna Navami 23:20 P.Bhadrapada 18:41
2 Hanumath Jayanthi (Andhra) Dashami 23:46 U.Bhadrapada 19:41	3 Panchaka ends Apara Ekadashi 24:48 Revati 21:17	4 Dvadashi 26:21 Ashvini 23:23	5 Pradosham Trayodashi 28:18 Bharani 25:53 Guru Astha starts: 15:05	6 Masa Shivaratri Chaturdashi day/night Krittika 28:40 Guru Astha	7 Amavasya Tarpanam Chaturdashi 06:31 Rohini day/night Guru Astha	8 Shani Jayanthi Amavasya 08:56 Rohini 07:39 Guru Astha
9 Karidina Jyeshtha Shukla Prathama 11:26 Mrigashirsha 10:42 Guru Astha	10 Dvitiya 13:54 Aardra 13:45 Guru Astha	11 Rambha Tritiya 16:16 Punarvasu 16:41 Guru Astha	12 Uma Chaturthi 18:25 Pushya 19:24 Guru Astha	13 Panchami 20:12 Aslesha 21:47 Guru Astha	14 Aranya Gauri Vratam Aranya Shashthi 21:32 Magha 23:42 Sun: Mithuna 16:20 Tarpana Aani, Guru Astha	15 Saptami 22:16 P.Phalguni 25:03 Guru Astha
16 Martyrdom of Guru Arjan Dev Sahib Father's Day Ashtami 22:20 U.Phalguni 25:43 Guru Astha	17 Navami 21:39 Hasta 25:39 Guru Astha	18 Ganga Dasahara Dashami 20:14 Chitra 24:51 Guru Astha	19 TN: Periy Azhwar Nirjala Ekadashi 18:06 Svaati 23:22 Guru Astha	20 Varsha Rutu (Drik Sid) Pradosham Champaka Dvadashi 15:20 Vishaakha 21:16 Guru Astha	21 Trayodashi 12:03 Anuraadha 18:41 Guru Astha	22 Vata Savitri Vrata Deba Snana Purnima Jyestha Abhishekam Satyanarayana Puja Dakshinayana begins Chaturdashi 08:24 Purnima 28:32 Jyeshtha 15:46, Guru Astha
23 (North Indian Ashadha) Jyestha Krishna Prathama 24:38 Mula 12:43 Guru Astha	24 Dvitiya 20:53 P.shadha 09:42 Guru Astha	25 Angaraka Sankathara Chaturthi Tritiya 17:27 U.shada 06:54 Shrawana 28:32 Guru Astha	26 Panchaka begins Chaturthi 14:30 Dhanishta 26:44 Guru Astha	27 Panchami 12:13 Shatabhisha 25:38 Guru Astha	28 Shashthi 10:40 P.Bhadrapada 25:21 Guru Astha	29 Saptami 09:56 U.Bhadrapada 25:52 Guru Astha



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SUN	MON	TUE	WED	THU	FRI	SAT												
	Varsha Rutu (Drik Sid) North Indian Ashadha Jyeshta Krishna Panchaka ends Navami 10:54 Ashvini 29:10 Guru Astha	1 Dashami 12:26 Bharani day/night Guru Astha	2 Yogini Ekadashi 14:27 Bharani 07:40 Guru Astha	3 Pradosham Dvadashi 16:48 Krittika 10:32 Guru Astha	4 Independence Day	5 Masa Shivaratri Trayodashi 19:18 Rohini 13:35 Guru Astha ends: 22:19:18												
7	Amavasya Tarpanam Amavasya 24:14 Aardra 19:41	8 Ashaadha Shukla Prathama 26:28 Punarvasu 22:32	9 Jagannath Rathayatra Dvitiya 28:29 Pushya 25:10	10 Tritiya 06:11 Aslesha 27:32	11 Tritiya 06:11 Magha day/night	12 Chaturthi 07:31 Magha 05:32												
14	Kardama Shashthi 08:49 U.Phalguni 08:14	15 Vivasvat Saptami 08:38 Hasta 08:45	16 Samkranti Punyahkala Ashtami 07:48 Chitra 08:39 Sun: Karka 03:10 Aadi	17 Punaryatra Karidina Navami 06:19 Dashami 28:12 Svaati 07:54	18 Harishayani Ekadasi	19 Bhagwata Ekadasi (V) Vishnu Shayanotsava Dvadashi 22:19 Jyeshta 26:08												
21	Chaturdashi 15:01 P.shadha 20:26	22 GURU PURNIMA Satyanarayana Puja Purnima 11:15 U.shada 17:31	23 Hindi Mangala Gauri Vrat (North Indian Shravana) Ashaadha Krishna Prathama 07:38 Dvitiya 28:22 Shravana 14:49	24 Panchaka begins Tritiya 25:36 Dhanishta 12:32	25 Sankathara Chaturthi Chaturthi 23:31 Shatabhisha 10:50	26 Panchami 22:13 P.Bhadrapada 09:51												
28	Panchaka ends Saptami 22:12 Revati 10:25	29 Ashtami 23:25 Ashvini 11:55	30 Hindi Mangala Gauri Vrat Navami 25:15 Bharani 14:08	31 Aadi Kartikai Dashami 27:32 Krittika 16:50	<table border="1"> <tr> <td>Yogini Ekadasi</td> <td>Jul 3</td> </tr> <tr> <td>Jagannath Rathayatra</td> <td>Jul 9</td> </tr> <tr> <td>Harishayani Ekadasi</td> <td>Jul 18</td> </tr> <tr> <td>Shani Trayodasi</td> <td>Jul 20</td> </tr> <tr> <td>Guru Purnima</td> <td>Jul 22</td> </tr> <tr> <td>Sankathara Chaturthi</td> <td>Jul 25</td> </tr> </table>		Yogini Ekadasi	Jul 3	Jagannath Rathayatra	Jul 9	Harishayani Ekadasi	Jul 18	Shani Trayodasi	Jul 20	Guru Purnima	Jul 22	Sankathara Chaturthi	Jul 25
Yogini Ekadasi	Jul 3																	
Jagannath Rathayatra	Jul 9																	
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Sankathara Chaturthi	Jul 25																	



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August 2013 • North Shravana-Bhadrapada • Aashadha - Shravana • Karka - Simha • Aadi – Aavani

SUN	MON	TUE	WED	THU	FRI	SAT
18 Graha Pravesha, Wedding 21 Graha Pravesha after 12:54 28 Graha Pravesha & Wedding		Kamika Ekadasi Naag Panchami Varalakshmi Vrat Putrada Ekadasi Rik Upakarma, Onam Yajur Upakarma, Rakhi Sankathara Chaturthi Krishna Janmasthami Aja Ekadasi	Aug 2 Aug 11 Aug 16 Aug 17 Aug 19 Aug 20 Aug 23 Aug 27 Aug 31	1 Varsha Rutu (Drik Sid) North Indian Shravana Ashaadha Krishna Ekadashi day/night Rohini 19:51	2 Kamika Ekadashi 06:02 Mrigashirsha 22:56	3 Shani Pradosham Dvadashi 08:33 Aardra 25:56
Note: Rohini prevails during midnight of 27 th August. Hence as per Agama 27 th should be taken for Janmashami in Pacific North west.						
4 Masa Shivaratri Trayodashi 10:56 Punarvasu 28:43	5 Amavasya Tarpanam Chaturdashi 13:03 Pushya day/night	6 Hindi Mangala Gauri Vrat Diwaso (Guj) Chaitu Amavasya 14:50 Pushya 07:13	7 Shravana Shukla Prathama 16:17 Aslesha 09:22	8 Dvitiiya 17:21 Magha 11:11	9 TN: Andal Madhusrava Tritiya 18:04 P.Phalguni 12:38	10 Chaturthi 18:22 U.Phalguni 13:41
11 Naag Panchami 18:15 Hasta 14:21	12 Kalki Jayanthi Shashthi 17:42 Chitra 14:34	13 Mangala Gauri Vrat Saptami 16:38 Svaati 14:19	14 Ashtami 15:05 Vishaakha 13:33	15 Navami 13:02 Anuraadha 12:18	16 VARALAKSHMI VRATA Dashami 10:32 Jyeshta 10:36 Sun: Simha 11:32 Tarpanam Aavani	17 Putrada Ekadashi 07:38 Dvadashi 28:28 Mula 08:30 P.shadha 30:08
18 Pradosham Akhetaka Trayodashi 25:09 U.shada 27:37	19 Onam Rik Upakarma Chaturdashi 21:51 Shravana 25:09	20 Rakhi Yajur Upakarma Mangala Gauri Vrat Satyanarayana Puja Panchaka begins Purnima 18:44 Dhanishta 22:53	21 (North Indian Bhadrapada) Gayathri Japam Shravana Krishna Prathama 15:58 Shatabhisha 21:00	22 Raghavendra Swamy Aradhana Sharad Rutu (Drik Sid) Dvitiiya 13:43 P.Bhadrapada 19:41	23 Sankathara Chaturthi Tritiya 12:07 U.Bhadrapada 19:02	24 Bola Chauth Panchaka ends Chaturthi 11:17 Revati 19:10
25 Naag Panchami Panchami 11:16 Ashvini 20:07	26 Randhan Chhath Shashthi 12:05 Bharani 21:50	27 SRI KRISHNA JANMASTHAMI Sitala Satam South Mangala Gauri Vrat Saptami 13:36 Krittika 24:11	28 Gokulasthami (ISKCON)	29 Navami 18:04 Mrigashirsha 29:59	30 Dashami 20:34 Aardra day/night	31 Aja Ekadashi 22:56 Aardra 08:59



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September 2013 • North Bhadrapada-Ashwin

• Shravana - Bhadrapada • Simha - Kanya • Aavani - Puruttasi

SUN	MON	TUE	WED	THU	FRI	SAT
1 Sharad Rutu (Drik Sid) North Indian Bhadrapada Shrawana Krishna Dvadashi 25:00 Punarvasu 11:47	2 Labor Day Soma Pradosham Trayodashi 26:39 Pushya 14:14	3 South Mangala Gauri Vrat Aghora Chaturdashi 27:51 Masa Shivaratri Aslesha 16:15	4 Amavasya Tarpanam Pithori Amavasya 28:36 Magha 17:49	5 Bhadrapada Shukla Prathama 28:54 P.Phalguni 18:57	6 Dvitiiya 28:47 U.Phalguni 19:40	7 Swarna Gauri Vratam Haritalika Teej Varaha Jayanthi Tritiya 28:19 Hasta 20:00
8 GANESH CHATURTHI Chaturthi 27:29 Chitra 20:00	9 Bhaiya Panchami Rishi Panchami 26:21 Svaati 19:41	10 Champa Shashthi 24:53 Vishaakha 19:02	11 Jyestha Gauri Ahvahana Lalitha Saptami 23:07 Anuraadha 18:05	12 Jyestha Gauri Puja Radha Ashtami 21:04 Jyeshta 16:51	13 Jyestha Gauri Visarjana Nanda Navami 18:46 Mula 15:21	14 Dashami 16:16 P.shadha 13:38
15 Parivartini Ekadashi 13:39 U.shada 11:48	16 Vamana Jayanthi Soma Pradosham Panchaka begins Dvadashi 11:01 Shrawana 09:56 Tarpanam Sun: Kanya 11:28 Purattaasi	17 Anant Chaturdashi Trayodashi 08:28 Chaturdashi 30:09 Dhanishta 08:09 Shatabhisha 30:36	18 Satyanarayana Puja Purnima 28:12 P.Bhadrapada 29:25	19 (North Indian Ashwin) Shradha Paksha Mahalaya Arambha Bhadrapada Krishna Prathama Shradha Prathama 26:45 U.Bhadrapada 28:44	20 Dvitiya Shraddha Dvitiya 25:55 Revati 28:39	21 Panchaka ends Tritiya Shraddha Tritiya 25:45 Ashvini 29:15
22 Sankathara Chaturthi Shraddha Chaturthi 26:20 Bharani 30:33	23 Panchami Shraddha Panchami 27:35 Krittika day/night	24 Shasthi Shraddha Chandra Shashthi 29:26 Krittika 08:31	25 Satpami Shraddha Saptami day/night Rohini 11:00	26 Jivit Putrika Vrat Fasting Asthami Shraddha Saptami 07:42 Mrigashirsha 13:51	27 Jivit Putrika Vrat Fasting Navami Shraddha Ashtami 10:09 Aardra 16:49	28 Jivit Putrika Vrat Ends Dashami Shraddha Avidhava Navami 12:34 Punarvasu 19:42
29 Dashami 14:43 Pushya 22:16	30 Ekadashi Shraddha Indira Ekadashi 16:25 Aslesha 24:23	2 Graha Pravesha till 8:26 AM 7 Graha Pravesha & Wedding 9 Graha Pravesha & Wedding No muhurtha after 19 th due to shraddha paksha		Haritalika Teej, Kevada Trij Ganesh Chaturthi Rishi Panchami Jyestha Gauri Vratam Parivartini Ekadasi Ganesh Visarjan Shradha Paksha begins Sankathara Chaturthi Indira Ekadasi	Sep 7 Sep 8 Sep 9 Sep 11-13 Sep 15 Sep 17 Sep 19 Sep 22 Sep 30	



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October 2013 • North Indian Ashwin-Kartika • Bhadrapada-Ashvayuja • Kanya-Tula • Puruttasi-Aipaasi

SUN	MON	TUE	WED	THU	FRI	SAT
13 Graha Pravesha & Wedding 15 Graha Pravesha 18 Graha Pravesha & Wedding till 13:30 26 Graha Pravesha		1 Sharad Rutu (Drik Sid) North Indian Ashwin Bhadrapada Krishna Dvadashi Shraddha Dvadashi 17:34 Magha 25:56	2 Pradosham Masa Shivaratri Trayodashi Shraddha Gandhi Jayanthi Trayodashi 18:08 P.Phalguni 26:55	3 Chaturdashi Shraddha Chaturdashi 18:07 U.Phalguni 27:21	4 Mahala Amavasya Shraddha Paksha ends	5 SHARAD NAVARATRI Karidina Aashvayuja Shukla Prathama 16:33 Chitra 26:47
6 Dvitiya 15:10 Svaati 25:58	7 Tritiya 13:29 Vishaakha 24:53	8 Mani Chaturthi 11:34 Anuraadha 23:36	9 Panchami 09:30 Shashthi 31:20 Jyeshta 22:13	10 Durga Puja (Bengal) Saptami 29:08 Mula 20:45	11 Durga Asthami Ashtami 26:56 P.shadha 19:17	12 Maha Navami Navami 24:48 U.shada 17:51
13 VIJAYA DASHAMI Dussera Madhavacharya Jayanthi Dashami 22:46 Shrawana 16:30	14 Panchaka begins Pasankussa Ekadashi 20:54 Dhanishta 15:19	15 Dvadashi 19:17 Shatabhisha 14:21	16 Pradosham Trayodashi 17:58 P.Bhadrapada 13:40 Sun: Tula 23:26 Tarpanam	17 Chaturdashi 17:04 U.Bhadrapada 13:22 Aippasi	18 Sharad Purnima Penumbral Lunar Eclipse (14:50-18:49) Panchaka ends Satyanarayana Puja Kojagiri Purnima 16:37 Revati 13:30	19 (North Indian Kartika) Aashvayuja Krishna Prathama 16:43 Ashvini 14:09
20 Dvitiya 17:22 Bharani 15:21	21 KARWA CHAUTH Sankathara Chaturthi Tritiya 18:36 Krittika 17:06	22 Hemant Rutu (Drik Sid) Chaturthi 20:22 Rohini 19:22	23 Panchami 22:32 Mrigashirsha 22:02	24 Shashthi 24:59 Aardra 24:57	25 Saptami 27:28 Punarvasu 27:54	26 Ahoi Asthami Ashtami 29:47 Pushya 30:42
27 Navami 31:43 Aslesha day/night	28 Dashami day/night Aslesha 09:07	29 Dashami 09:06 Magha 10:59	30 Rama Ekadashi 09:48 P.Phalguni 12:12	31 Dhanateras Vaag Baaras Pradosham Dvadashi 09:47 U.Phalguni 12:44	Sharad Navaratri begins Durga Asthami Maha Navami Dashera Pasankussa Ekadashi Sharad Purnima Karwa Chauth, Sankathara Chaturthi Rama Ekadasi Dhanateras	Oct 5 Oct 11 Oct 12 Oct 13 Oct 14 Oct 18 Oct 21 Oct 30 Oct 31



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November 2013 • North Indian Kartika-Margashira • Ashvayuja - Karthika • Tula - Vrischika • Aipaasi - Kartikai

SUN	MON	TUE	WED	THU	FRI	SAT
3 Graha Pravesha & Wedding till evening 9 Graha Pravesha 10 Graha Pravesha 14 Graha Pravesha & Wedding 18 Graha Pravesha & Wedding 23 Graha Pravesha 27 Graha Pravesha & Wedding till 13:37 28 Graha Pravesha & Wedding 29 Graha Pravesha 30 Graha Pravesha & Wedding		Kali Chaudhash Nov 1 Narak Chaturdasi & Diwali Nov 2 Gujarati New Year Nov 3 Bhaiya Duj Nov 4 Devauthi / Uthana Ekadasi Nov 12 Tulasi Kalyanam Nov 13 Kartigai Deepam, Kartiki Purnima Nov 16 Sankathara Chaturthi Nov 20 Utapanna Ekadasi Nov 28			KALI CHAUDAS 1 Hemant Rutu (Drik Sid) North Indian Kartika Aashvayuja Krishna Masa Shivaratri Trayodashi 09:04 Chaturdashi 31:43 Hasta 12:35	DIWALI 2 NARAK CHATURDASHI Lakshmi Puja Bandi Chhor Divas Mahalakshmi Puja Amavasya 28:50 Chitra 11:49
3 GUJARATI NEW YEAR Gowardhana Puja Daylight Saving Ends Kartika Shukla Prathama 26:31 Svaati 09:32	4 Bhai Bij Yama Dwitiya Dvitiiya 23:56 Vishaakha 07:53 Anuraadha 29:58	5 Alochana Gauri Vratam Tritiya 21:11 Jyeshtha 27:56	6 Naga Chavithi Chaturthi 18:24 Mula 25:54	7 Labha Panchami 15:42 P.shadha 23:59	8 Skanda Shasthi Chhath Shashthi 13:11 U.shada 22:17	9 TN: Poigai Azhwar Saptami 10:57 Shravana 20:53
10 TN: Boothath Azhwar Panchaka begins Gopa Ashtami 09:02 Dhanishta 19:51	11 TN: Pey Azhwar Navami 07:30 Dashami 30:23 Shatabhisha 19:11	12 Devuthi Ekadasi Uthana Ekadasi Ekadashi 29:41 P.Bhadrapada 18:56	13 Tulasi Vivah Prabodhanotsava Bhagawata Ekadasi (V) Dvadashi 29:25 U.Bhadrapada 19:06	14 Pradosham Panchaka ends Trayodashi 29:36 Revati 19:42	15 Chaturdashi 30:13 Ashvini 20:43 Sun:Vrischik 22:15 Tarpanam	16 Kartikai Deepam Ayappa Mandala Puja begin Annamalai Deepam Sarvalaya Deepam Satyanarayana Purnima Guru Nanak Dev Jayanthi Purnima 31:15 Bharani 22:09 Kartikai
17 (North Indian Margasira) Kartika Krishna Prathama day/night Krittika 24:00	18 TN: Thiruppan Azhwar Prathama 08:44 Rohini 26:14	19 Dvitiiya 10:36 Mrigashirsha 28:49	20 Sankathara Chaturthi Tritiya 12:48 Aardra day/night	21 Chaturthi 15:15 Aardra 07:39	22 Panchami 17:49 Punarvasu 10:38	23 Shashthi 20:18 Pushya 13:36
24 Saptaami 22:31 Aslesha 16:21	25 Kalabhairava Jayanthi Ashtami 24:15 Magha 18:42	26 Navami 25:21 P.Phalguni 20:28	27 Dashami 25:42 U.Phalguni 21:31	28 Thanksgiving Day Utpanna Ekadashi 25:14 Hasta 21:47	29 Dvadashi 23:58 Chitra 21:17	30 Shani Pradosham Masa Shivaratri Shani Trayodashi 22:00 Svaati 20:04



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December 2013 • North Indian Margashira-Paush • Karthik-Margasira • Vrischika-Dhanus • Kartikai-Margazhi

SUN	MON	TUE	WED	THU	FRI	SAT																								
1 Hemant Rutu (Drik Sid) North Indian Margashira Kartika Krishna Chaturdashi 19:25 Vishaakha 18:14	2 ● Amavasya Tarpanam Amavasya 16:22 Anuraadha 15:55	3 Margasira Shukla Prathama 13:01 Jyeshtha 13:19	4 Dvitiya 09:33 Tritiya 30:08 Mula 10:36	5 Chaturthi 26:55 P.shadha 07:55 U.shada 29:28	6 Panchami 24:03 Shrawana 27:23	7 Panchaka begins Shashthi 21:40 Dhanishta 25:47																								
8 Saptami 19:52 Shatabhisha 24:46	9 Ashtami 18:41 P.Bhadrapada 24:23	10 Navami 18:08 U.Bhadrapada 24:37	11 Dashami 18:13 Revati 25:25	12 Geeta Jayanthi	13 Panchaka ends Mokshada Ekadashi 18:51 Ashvini 26:45	14 TN: Thirumangai Shani Pradosham Shani Trayodashi 21:29 Krittika 30:38																								
15 Dhanurmasa begins Chaturdashi 23:20 Rohini day/night Sun: Dhanus 12:54 Tarpanam Margazhi	16 ○ Dattatreya Jayanthi Satyanarayana Puja Purnima 25:28 Rohini 09:04	17 (North Indian Pushya) Margasira Krishna Prathama 27:48 Mrigashirsha 11:43	18 Arudra Darshanam Dvitiya 30:17 Aardra 14:33	19 Guru Pushyamrita (after 17:30) Tritiya day/night Punarvasu 17:30	20 Sankathara Chaturthi Tritiya 08:51 Pushya 20:29	21 Shishira Rutu (Drik Sid) Chaturthi 11:22 Aslesha 23:22																								
22 Uttarayana begins Panchami 13:44 Magha 26:02	23 Shashthi 15:45 P.Phalguni 28:19	24 Saptami 17:16 U.Phalguni 30:01	25 Christmas	26 Ayappa Mandala Puja ends Navami 18:11 Chitra 31:15	27 Dashami 17:25 Svaati 30:38	28 Saphala Ekadashi 15:49 Vishaakha 29:15																								
29 Pradosham Dvadashi 13:28 Anuraadha 27:12	30 Masa Shivaratri Trayodashi 10:29 Chaturdashi 31:00 Jyeshtha 24:36	31 ● Margazhi Moolam Amavasya Tarpanam Vakula Amavasya 27:14 Mula 21:38				<table border="1"> <tr> <td>6 Graha Pravesha</td> <td>Dec 12</td> </tr> <tr> <td>8 Graha Pravesha</td> <td>Dec 12</td> </tr> <tr> <td>11 Graha Pravesha & Wedding after 8:30 AM</td> <td>Dec 14</td> </tr> <tr> <td>Mokshada Ekadasi</td> <td>Dec 15</td> </tr> <tr> <td>Geeta Jayanthi</td> <td>Dec 16</td> </tr> <tr> <td>Shani Trayodasi</td> <td>Dec 20</td> </tr> <tr> <td>Dhanurmasa Begins (Dhanark)</td> <td>Dec 20</td> </tr> <tr> <td>Dattatreya Jayanthi</td> <td>Dec 26</td> </tr> <tr> <td>Sankathara Chaturthi</td> <td>Dec 26</td> </tr> <tr> <td>Ayappa Madala Puja ends</td> <td>Dec 28</td> </tr> <tr> <td>Saphala Ekadasi</td> <td>Dec 28</td> </tr> <tr> <td>Vakula Amavasya</td> <td>Dec 31</td> </tr> </table>	6 Graha Pravesha	Dec 12	8 Graha Pravesha	Dec 12	11 Graha Pravesha & Wedding after 8:30 AM	Dec 14	Mokshada Ekadasi	Dec 15	Geeta Jayanthi	Dec 16	Shani Trayodasi	Dec 20	Dhanurmasa Begins (Dhanark)	Dec 20	Dattatreya Jayanthi	Dec 26	Sankathara Chaturthi	Dec 26	Ayappa Madala Puja ends	Dec 28	Saphala Ekadasi	Dec 28	Vakula Amavasya	Dec 31
6 Graha Pravesha	Dec 12																													
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Vakula Amavasya	Dec 31																													

Differences in Festival dates between India and USA

The Indian Calendar/Panchangam is used everywhere where Hindu people live. I even see people posting, "I want pambu Panchangam, but I live in the USA and it is not available". The question then arises: "Can Indian Panchangam be used outside of India?". **If you think the Earth is flat then you can use your favourite Indian panchangam/calendar outside of USA. But if you agree with Varahamihira and Aryabhatta, and other scientiests that the Earth is round then you will not use your favourite Indian panchang/calender outside of India. Please read why.**

People usually align the Hindu festivals with the English dates based on the Indian calendar. They then think that if an Indian calendar says "Janmasthami" on a certain date, say September 2nd 2010, then it will appear as September 2nd everywhere in the world. The USA is 10:30 to 15:30 hours behind India, so some people will think it will also come the next day in the USA, i.e. September 3rd 2010. They also argue that their family priest in India has told them to celebrate on this particular date and according to him the Indian calendar will apply to all places in the world. This is a completely wrong assumption.

The English date and day (Sunday, Monday, Tuesday etc..) changes at midnight; whereas the Hindu date (or Tithi) and day does not change at midnight. Hindu days change at Sunrise. All days are from one Sunrise to another Sunrise. Sunday will start at one Sunrise and end at the next Sunrise.

The Hindu date (or Tithi -- depending on the position of the Sun and Moon at any given time) changes as celestial bodies move. It can change anytime between two Sunrises. That is to say that if Prathama Tithi ends today at 23:02 it does not mean that Dwitiya Tithi will end tomorrow at the same time. It can end at 18:00, 18:09 or 28:27 (anytime after 24 means after midnight but before the next Sunrise).

Now what's the Hindu date (Tithi)? It is simple. A Tithi is a lunar day, or the time it takes for the longitudinal angle between the Sun and the Moon to increase by 12°. Tithis begin at varying times of day and vary in duration from approximately 19 to 26 hours. So the maximum distance between the Sun and the Moon can be 360 degrees. If you divide them by 12 degrees giving you 30 equal parts. This means that we have 30 dates in the Hindu calendar divided between the bright half (Shukla Paksha, Waxing Moon), and the dark half (Krishna Paksha, Waning Moon).

Panchangam contains two types of calculations. One is based on the local coordinates like longitude and latitude (Sunrise, Sunset, Moonrise, Moonset, etc), and the other is based on geocentric planetary positions. Sunrise, Sunset, Moonrise, Moonset times are always calculated for each and every place on the Earth. Local Sunrise, Sunsets are used to find the daily Rahukalam, Yamagandam, Gulikai, and Durmuhurtham times.

The other set of calculations are calculated from the center of the Earth (geocentric). The positions of heavenly bodies are calculated from the center of the Earth and hence they are geocentric. The planetary positions are first calculated from the center of the Sun (heliocentric) and then using the spherical trigonometry they are converted to the center of the Earth (geocentric). The Tithi, Nakshatra, Yoga, Karana and daily planetary positions are based on the positions of the Sun and Moon in the heavens and they are part of the astronomical phenomenon. These are astronomical phenomenon which happens instantly at the same moment on Earth, and hence the Tithi and Nakshatra will end at the same time all over the world. We have to, therefore, convert them to the local standard time of the specific country of interest. When an eclipse occurs and is visible all over the world, the time of occurrence is converted into each country's local time zone. The planets do not wait for Sunrise or Sunset at the particular place. They just keep moving, like Earth is moving around the Sun.

These planetary positions of the Sun and the Moon are computed based on the local time (longitude, latitude) converted to the Universal Time. The Tithi end time is also calculated in the Universal Time which is then converted to the local time of the place. The planets are calculated from the center of the Earth and their positions at the given time will be the same all over the world. In the same way, whenever any celestial event occurs we need to convert it to our local time zone. Indian Panchang makers convert this to Indian time. The same say we need to convert it to our time zone for America (PST/PDT, CST/CDT, MST/MDT, EST/EDT). After adding the time difference we get the resulting English date and time when they end. Hence, when the calendar is made for India the date they mention is when that Tithi will end as per the English date in India. If we take the same date and time use it anywhere in the world as it is then we will have wrong results.

For example: On October 17th 2008 the Ashwayuja (Ashwin) Krishna Paksha/ Poornimant Kartik Krishna Paksha Tithi Tritiya ends at 16:39:21 Indian Standard Time, and Chaturthi starts. That means at 16:00 hours there is Tritiya still prevailing in India. Now on October 17th 2008 in Seattle, WA at the 16:00 hours we won't have Tritiya at that time. We already have Chaturthi started. Planets keep on moving.... 13 hours have passed and the position of Sun and Moon have changed. So what time will Tritiya end in Seattle? The time difference is 13 hours 30 minutes (with one of our Daylight Saving Time it gives the difference of 12 hours 30 minutes from IST). So, let's subtract 12 hours 30 minutes from the 16:39:21. That gives us 04:09:21 AM on October 17th. So on October 17th after that time we'll have Chaturthi Tithi and before we have Tritiya. The same way if Tithi ends at 8:39 AM on September 12 in India it will end at 20:09 PM on September 11th in Seattle. The same way Western Australia is 8 hours ahead of GMT and hence the Chaturthi will end there at 12:09 PM on September 12th. The planets do not wait for the appropriate Tithi to arrive on some English date at any location in the world. If it did we would not have any days and nights (if it were to happen then celestial bodies would remain static in sky). The Earth is round and it keeps moving, so we have days and nights. It does not wait for Tithi or festivals. Time never waits for anyone. It goes on. The Sun does not rise instantly at the same time all over the world. Hence we need to convert the Tithi, Nakshatra, Yoga, and Karana time to local standard time. Now we know what time a given Tithi ends, so now it is time to decide festival dates for each region.

How festivals are determined? The usual rule to observe a festival for a particular day, check which Tithi prevails at that Sunrise. Each festival has different rules of observance. For example: Ganesh Chaturthi. Sankathara (Sankshathi Chauth) Chaturthi, Janmashtami, Mahashivaratri, Karwa Chauth, etc... For example Ganesha Chaturthi has to be observed when the Chaturthi Tithi is observed during the 8th/15th part of the dinmana or the 3/5th part of the dinmana. The dinmana is the difference between local Sunset and Sunrise on the same day. If Chaturthi is not prevailing during that period then take the second day. Likewise for the Karwa Chauth and the Sankathara Chaturthi the Chaturthi Tithi must be prevailing during the moonrise time, if it does not prevail then take the day where it prevails during the sunrise. Rules to determine Shraddha Tithi are different.

For example, if one Tithi is observed at moonrise in India it may or may not exist during moonrise on the same day in a different part of the world. It may be very well observed on the previous day if you are in America or the next day if you are in Japan, Fiji, Australia and other countries. America is behind India in terms of time. To arrive at the time in India we need to subtract the time from Indian time and hence festivals could arrive a day early in USA but not later. For example if a total lunar eclipse is visible in India at 5:00 AM it will happen on the previous day in the USA.

For these reasons Indian Panchangam you buy in India cannot be used outside of India.